

In the Abstract

Please substitute the following amended Abstract for the Abstract as currently pending (deleted matter is shown by strikethrough and added matter is shown by underlining):

A vehicle security device for improving the security level of a vehicle. The vehicle security device ~~(11)~~ is connected to an engine ~~(16)~~ and communicates with a portable device ~~(11)~~. A smart ECU ~~(13)~~ performs a first coded communication to establish mutual authentication with the portable device. An ID code box ~~(14)~~ is connected to the smart ECU, has a first code and a second code, and does not communicate with the portable device. The ID code box performs a second coded communication using the first code to establish a second mutual authentication with the smart ECU. An engine ECU ~~(15)~~ performs a third coded communication using the second code to establish a third mutual authentication with the ID code box. The engine ECU enables the engine to be started when every one of the first, second, and third mutual authentications are established.